Don L Boyer (1938-2020)

An appreciation

In Appreciation: Don L. Boyer (1938–2020)

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Oceanic ISWs: Mode-1 properties

- Rossby (amplitude) packets
- 1000s of km without change in form
- Nonlinear so wave speed depends on amplitude
- High induced currents/shear
  - Amplitudes may exceed 150m
  - Wave speed = 8 km per hour
  - Wave front 100 km
  - Wavelength 2-4 km